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Ja=Jan: F=Feb: Ma=Mar: Ap=April; My=May: Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

Additional Experimental GR-S and GR-S Latices

A DDITIONS to the list of experi-mental GR-S dry polymers and GR-S latices available for distribution to

rubber goods manufacturers together with certain reauthorizations of previously listed polymers from the Office of

Rubber Reserve, RFC, under the conditions outlined in our November, 1945, isssue page 237, have been received and are listed in the table which appears below .

X-Number Designation	Manufacturing Plant	Date of Authorization	Polymer Description
X-327-GR-S	U. S. Rubber, Institute	8/22/46	Masterbatch containing 100 parts Buca A clay and 100 parts of a GR-S-type polymer made with sodium sulfide shortstopper, 40 Mooney viscosity, with 1.5 parts EFED.
X-329-GR-S	Firestone, Lake Charles	8/14/16	X-307-GR-S latex coagulated with alum.
X-330-GR-S	Goodrich	8/20/46	GR-S-10 made using a slightly different rosin acid soap by the continuous process.

Special
Characteristics
Clay masterbatches are reported to have superior processing and handling characteristics. For use in stocks requiring this type of material. X-307 is a GR-S-10 type of polymer made with MTM modifier.

For the same purpose as GR-S-10.

Reauthorizations have been issued for previously authorized, made, and in conthe following eight polymers which were

sumers' tests found advantageous.

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X-222-GR-S	Firestone, Akron	8/22/46	Alum coagulated GR-S made with dehydrogenated rosin soap.
X-250-GR-S	Goodrich, Louisville	8/23/46	Regular GR-S at 45 ± 5 Mooney. Short-stopped with hydroquinone, no antioxidant.
X-274-GR-5	National Synthetic, Louisville	8/22/46	GR-S-10 shortstopped with sodium sulfide and stabilized with Stalite.
X-276-GR-S Latex	Goodyear, Akron	8/27/46	Low rosin soap GR-S latex with a high solids content of 58%.
X-278-GR-S	U. S. Rubber, Naugatuck	9/3/46	50/50 butadiene/styrene ratio. Sodium oleate and glue emulsifiers. Shortstopped with hydroquinone, two parts PBNA anti- oxidant, alum coagulated.
X-293-GR-S Latex	National Synthetic, Akron	8/28/46	Similar to type II latex with Daxad emulsi- fier, hydroquinone shortstopper, and Stalite antioxidant.
X-307-GR-S	Goodrich, Port Neches	8/30/46	$GR\!\cdot\!S\!\cdot\!10$ except that MTM modifier is used in place of DDM.
X-317-GR-S	U. S. Rubber, Institute	8/30/46	GR-S-20 AC made with a non-staning short- stopping agent using 1.5 parts EFED as stabilizer.

Polymers made with dehydrogenated rosin soap show a quality advantage, i.e., better tack.

General-purpose use.

For some purpose use as GR-S-10. Produced for materials where a special non-discoloring antioxidant is required.

General-purpose use.

Use in closure and sealant compounds.

For use in adhesives. Dry polymer from this latex is so sticky the Mooney is too low to be measured.

This polymer is being made and tested in view of the possible future shortage of DDM.

For use in goods where a non-staining antioxidant is desired.

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